**1.0** Q: What is a command on windows to flush the DNS cache

**2.0** Q: What is a built in tool within windows to perform a DNS query lookup

**3.0** Q: What is a command to test if a network device is responding to ICMP?

**4.0** Q: What is a built in windows command you can use to test if a port is open?

**5.0** Q: What is a built in windows diagnostic tool to display the route and hops a packet takes?

**6.0** Q: What default port and protocol do the following services use? SMTP

**7.0** Q: What default port and protocol do the following services use? HTTP

**8.0** Q: What default port and protocol do the following services use? Remote Desktop

**9.0** Q: You want to implement a mechanism that automates the IP configuration, including IP address, subnet mask, default gateway & DNS information. Which protocol will you use to accomplish this?

**10.0** Q: If your computer is unable to get an IP address from the DHCP server and it has automatically assigned itself an auto configure address what would the IP address start with?

**11.0** Q: What is the subnet mask be for a /24 address

**12.0** Q: What is the different between RAID1 and RAID0

**13.0** Q: Name a DNS resource record type that is used to resolve a name to an IP address?

**14.0** Q: What is a DNS resource record type that is commonly used as an alias for another domain?

**15.0** Q: What protocol is used to find the MAC address of a local device?

**16.0** Q: How would you locate the process ID or Name running on a port in Windows using command prompt?

**17.0** Q: What would you do to if you get a trust-relationship error between the workstation and the domain controller?

**18.0** Q: If you are performing a migration of a SBS 2008 server to server 2012 and have joined the new server to the domain, what is the name of the active directory roles that you need to transfer?

**19.0** Q: What network share & folder would you typically store and find login scripts?

**20.0** Q: What does GPO stand for?

**21.0** Q: What within VMware enables a live migration of a running virtual machine from one physical server to another with zero down time?

**22.0** Q: What is the default file type used for virtual disks in a HyperV?

**23.0** Q: How would you force refresh a group policy configuration on a workstation in command prompt?

**24.0** Q: How would you list the group policy configuration that is applied using command prompt?

**25.0** Q: What is a built in command line tool from Windows Server 2008 and above that can be used to copy large files across a network while maintaining permissions & date time stamps?

**26.0** Q: What tool would you use to install or remove active directory from a windows server pre 2012?

**27.0** Q: What Function can you configure on a managed switch to be able to carry traffic for multiple VLANS to another switch?